

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 14   | ((KOICHI) near2 (SAKITA)).INV.                        | US-PGPUB;<br>USPAT                                      | OR               | OFF     | 2006/08/05 13:40 |
| L2    | 7    | ((KOICHI) near2 (SAKITA)).INV.                        | EPO; JPO;<br>DERWENT                                    | OR               | OFF     | 2006/08/05 13:40 |
| L3    | 6    | 1 or 2  | USPAT   | OR               | OFF     | 2006/08/05 13:41 |
| L4    | 21   | 1 or 2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/05 13:45 |
| L5    | 2    | "5745086".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/05 13:42 |
| L6    | 2    | "20040189549".pn.                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/05 14:10 |
| L7    | 2    | 6 and blunt\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/05 13:44 |
| L8    | 6613 | (non-light\$3 or nonlight\$3)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/05 14:11 |
| L9    | 1    | 4 and 8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/05 13:45 |
| L10   | 6615 | (non-light\$3 or nonlight\$3 or "not" near3 light\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/05 14:38 |
| L11   | 1    | 4 and 10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/05 14:12 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L12 | 1    | 6 and blunt with initialization   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:16 |
| L13 | 2    | 6 and blunt same (non-light\$3 )  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:25 |
| L14 | 0    | "5745086".pn. and blunt same<br>(non-light\$3 )   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:26 |
| L15 | 0    | "5745086".pn. and blunt   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:26 |
| L16 | 2    | "5745086".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:26 |
| L17 | 0    | 16 and blunt  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:26 |
| L18 | 0    | 16 and blunt\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:30 |
| L19 | 0    | 16 and 10   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:32 |
| L20 | 8059 | (345/61-63 or 348/797-799 or<br>313/484 or 313/586 or 315/169.3 or<br>315/169.4 or 345/204 or<br>345/208-210).ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:46 |
| L21 | 3169 | 20 and plasma   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:34 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| L22 | 15   | 21 and blunt   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:47 |
| L23 | 3    | (non-light\$3 or nonlight\$3 or "not" near3 light\$3) with (ramp\$3 or rais\$3 near3 gradual\$3 or slop\$3 or step\$3) with (waveform\$3 or plus\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:43 |
| L24 | 1    | ((non-light\$3 or nonlight\$3 or "not" near3 light\$3) with blunt\$3).clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:43 |
| L25 | 9242 | (345/60-63 or 348/797-799 or 313/484 or 313/586 or 315/169.3 or 315/169.4 or 345/204 or 345/208-210).ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 15:10 |
| L26 | 32   | 25 and blunt   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:47 |
| L27 | 17   | 26 not 22  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:47 |
| L28 | 2    | "6580227".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 14:47 |
| L29 | 9531 | (345/60-69 or 348/797-799 or 313/484 or 313/586 or 315/169.3 or 315/169.4 or 345/204 or 345/208-210).ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 15:11 |
| L30 | 33   | 29 and blunt   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/05 15:11 |